

04-24-01

UTILITY PATENT APPLICATION TRANSMITTAL
(for Noncontinuing, Nonprovisional
Applications under 37 C.F.R. §1.53(b))

Attorney Docket No. 12-1120

1017 U.S. PTO
09/840600
04/23/01

PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing
under 37 C.F.R. §1.53(b) is the
nonprovisional, noncontinuing
patent application for:

Title: **Semi-Physical Modeling of HEMT High Frequency
Small-Signal Equivalent Circuit Models**

First Named Inventor or
Applicant Identifier: Tsai, et al.

- (X) 26 pages of the specification (including claims) are enclosed.
- (X) 14 sheet(s) of drawings are enclosed. (X) Formal () Informal
- (X) An executed Oath or Declaration and Power of Attorney naming the actual inventors is enclosed.
- () The names of persons believed to be the actual inventors are set forth in the enclosed unexecuted Oath or Declaration and Power of Attorney (§1.41(a) and §1.53(b)).
- (X) An Assignment(s) of the invention to TRW, Inc., and cover sheet are enclosed.
- () A check in the amount of \$_____ to cover the fee for recording the assignment(s) is enclosed.
- () A 37 C.F.R. §3.73(b) Statement is enclosed (where an Assignee seeks to take action in a matter before the Patent Office).
- () An Information Disclosure Statement is enclosed.
- () A Form PTO-1449 is enclosed.

)
) CERTIFICATE OF MAILING BY "EXPRESS MAIL"
) "Express Mail" Mailing Label Number
) ET 167227295 US
)
) Date of Deposit April 23, 2001
) I hereby certify that this paper or fee is being
) deposited with the United States Postal Service
) "Express Mail Post Office to Addressee" Service
) under 37 CFR §1.10 on the date indicated above and
) is addressed to the Commissioner of Patents and
) Trademarks, Washington, D.C. 20231.
)
) Molly M. Michaels
) (Typed or printed name of person mailing)
) Molly M. Michaels
) (Signature of person mailing)

- () References (copies) listed on the Form PTO-1449 are enclosed.
- (X) A Return Receipt Postcard is enclosed (MPEP §503).
- (X) Priority of application number 60/200,666 filed on April 28, 2000 in the United States Patent and Trademark Office is claimed under 35 U.S.C. §119.
- () A certified copy of the priority document is enclosed.
- () A MicroFiche Computer Program (Appendix) is enclosed.
- () A Nucleotide and/or Amino Acid Sequence Submission is enclosed.
- () A Computer Readable Copy is enclosed.
- () A Paper Copy (Identical to Computer Copy) is enclosed.
- () A Statement Verifying Identity of above Copies is enclosed.

(X) The filing fee is calculated below:

Fee Calculation For Claims As Filed

(a) Basic Fee						\$ <u>710.00</u>
(b) Independent Claims	<u>1</u>	-	<u>3</u>	=	<u>0</u>	x <u>\$80.00</u> = \$ <u>-0-</u>
(c) Total Claims	<u>15</u>	-	<u>20</u>	=	<u>0</u>	x <u>\$18.00</u> = \$ <u>-0-</u>
(d) Fee for Multiple Dependent Claims						<u>\$270.00</u> = \$ <u> </u>
(e) Basic Design Fee						\$ <u> </u>
Total Filing Fee						\$ <u>710.00</u>

- () Small Entity Status is claimed under 37 C.F.R. §1.27 thus reducing the filing fee to: \$ 710.00
- (X) A check in the amount of \$ 710.00 to cover the filing fee is enclosed.
- () Charge \$ to Deposit Account No. 50-1214.
- () The payment of the Filing Fee is to be deferred until the Declaration is filed. Do not charge our Deposit Account.

- () A separate written request under 37 C.F.R. §1.136(a)(3), which is a general authorization to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. §1.136(a) for its timely submission as incorporating a petition for an extension of time for the appropriate length of time, is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 50-1214. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-1214. This sheet is filed in triplicate.
- () Also enclosed:

- (X) Address all future communications to:

Patent Counsel
TRW, Inc.
Law Department
One Space Park, Building E2/6051
Redondo Beach, California 90278
Tel: (310) 812-1534
Fax: (310) 812-2687

FOE29 00904860
April 23, 2001
(Date)

John S. Paniaguas
John S. Paniaguas
Registration No. 31,051